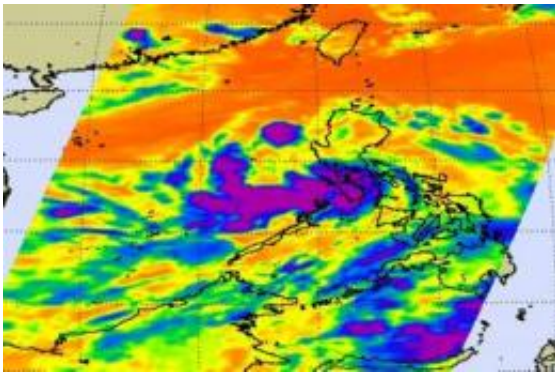


# NASA catches system 92W become fifth NW Pacific tropical depression

June 9 2011

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This image of Tropical Depression 05W in the Northwestern Pacific June 8 at 1741 UTC (1:41 p.m. EDT) from the NASA AIRS instrument shows strong thunderstorms (purple) over the southern side of the circulation center. Credit: NASA JPL/Ed Olsen

The low pressure system that has been bringing rainfall to the northwestern Philippines has strengthened into the fifth tropical depression of the Northwest Pacific Ocean's hurricane season.

Tropical Depression 05W (TD05W) also known as Dodong in the Philippines was caught by infrared [NASA satellite](#) imagery on June 8 at 1741 UTC (1:41 p.m. EDT). The infrared data showed some powerful thunderstorms with very cold cloud top temperatures near the threshold of AIRS data of -63 Fahrenheit and -52 Celsius. That indicates the coldest, strongest thunderstorms within the tropical depression. Some of

the strongest thunderstorms at that time were over western Luzon and stretched out over the South China Sea.

AIRS [microwave imagery](#) today showed that the banding of thunderstorms around the southern edge of the depression had the strongest storms. The storm's convection has decreased today. The decrease in convection is because of an upper-level trough (elongated area) of low pressure to the north that is preventing convection from occurring on the storm's northern side.

At 1500 UTC on June 9, TD05W was about 190 miles northwest of Manila, Philippines near 16.7 North and 118.4 East. It was moving to the north-northwest near 12 knots and had [maximum sustained winds](#) near 25 knots with higher gusts. It is now moving toward southern China and is expected to intensify into a tropical storm.

Warnings remain posted in the Philippines as TD05W continues pulling away.

Provided by NASA's Goddard Space Flight Center

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